

## **I. REMARKS/ARGUMENTS**

None of the claims have been amended. Claims 3 and 15 have been previously cancelled. As a result of this Amendment, claims 1-2, 4-14, and 16-17 remain in the application. No new matter has been introduced as a result of this amendment. Allowance of remaining claims is respectfully requested.

In page 2 of the Office Action, Claims 1, 2, 4-14, 16 and 17 were rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 6,184,844 to Filipovic et al. (hereinafter Filipovic).

## **II. Applicant's Invention**

Before further discussion on the cited art, the Applicant wants to remind the Examiner of the claimed embodiments as amended herein. As a representative claim, claim 1 recites an antenna structure comprised of a multifilar helix antenna etched on a flexible substrate and substantially parallel and substantially concentric metallic rings fixed or positioned around the longitudinal axis of the helix antenna and along at least one of a total length or a partial length of the helix antenna where the substantially concentric metallic rings are **parasitically** coupled to the multifilar helix antenna.

## **III. The Claims Define Over the Prior Art**

Claims 1, 2, 4-14, 16 and 17 were rejected under 35 U.S.C. 102(b) as being anticipated by Filipovic. The Examiner introduces Filipovic for the teaching of a flexible substrate with rings. One import factor that the Examiner fails to note is that Filipovic does not have parasitically coupled rings. In fact, Filipovic teaches away from parasitically coupled rings and teaches rings that short the helices of helical antenna. Moreover, the ring 412 of Filipovic is part of the **ground plane**. See Column 13, lines 13 and 47 of Filipovic. A ground plane 412 is NOT a parasitic entity as recited in the Applicant's claimed embodiments. If one were to remove the ring/ground plane 412 in Filipovic, the antenna would simply not work and would not be even considered a quadrifilar or multifilar antenna! If one were to remove the parasitically coupled ring in the Applicant's embodiment, the antenna would still work.

The Figure represented in FIG. 22D of Filipovic is deceiving and does not represent a parasitically coupled ring since 412 is part of the ground plane and is simply not parasitic as previously stated.

Thus, Applicant respectfully believes, the claims as currently recited are novel and non-obvious over Filipovic or any other art previously cited by the Examiner.

#### **IV. CONCLUSION**

Applicant believes that this application is now in full condition for allowance. Allowance is therefore respectfully requested. Applicants request that the Examiner call the undersigned if clarification is needed on any matter within this Amendment, or if the Examiner believes a telephone interview would expedite the prosecution of the subject application to completion.

Respectfully submitted,

December 19, 2007  
Date

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